

## Claims

[claim1] A cell treatment solution for removing mucus from clusters of cells adhered by mucus containing mucus producing cells comprising, cysteine and/or a compound derived therefrom in an amount of 5 mass% or more.

[claim 2] A cell treatment solution for removing mucus from clusters of cells adhered by mucus containing uterine cervix cells comprising, cysteine and/or a compound derived therefrom in an amount of 5 mass % or more.

[claim 3] The cell treatment solution of claim 1, comprising a solvent which is at least one selected from the group consisting of water, physiological saline, and buffer solution having pH between 4 and 7.

[claim 4] The cell treatment solution of claim 2, comprising a solvent which is at least one selected from the group consisting of water, physiological saline, and buffer solution having pH between 4 and 7.

[claim 5] A preservative aqueous solution for preserving clusters of cells adhered by mucus containing mucus producing cells comprising, alcohol in an amount of 30 to 60 mass%, and cysteine and/or a compound derived therefrom in an amount of 5 mass % or more.

[claim 6] A method of removing mucus from surfaces of cells comprising a step of contacting clusters of cells adhered by mucus containing uterine cervix cells with a preservative solution containing cysteine and/or a compound derived therefrom in an amount of 5 mass% or more.

[claim 7] A method of removing mucus comprising the steps of: contacting clusters of cells adhered by mucus containing uterine cervix cells with a cell treatment solution containing cysteine and/or a compound derived therefrom in an amount of 5 mass% or more to dissolve the mucus;

separating cells thus treated from the solution containing the dissolved mucus; and washing the cells separated.